

FIG. 1

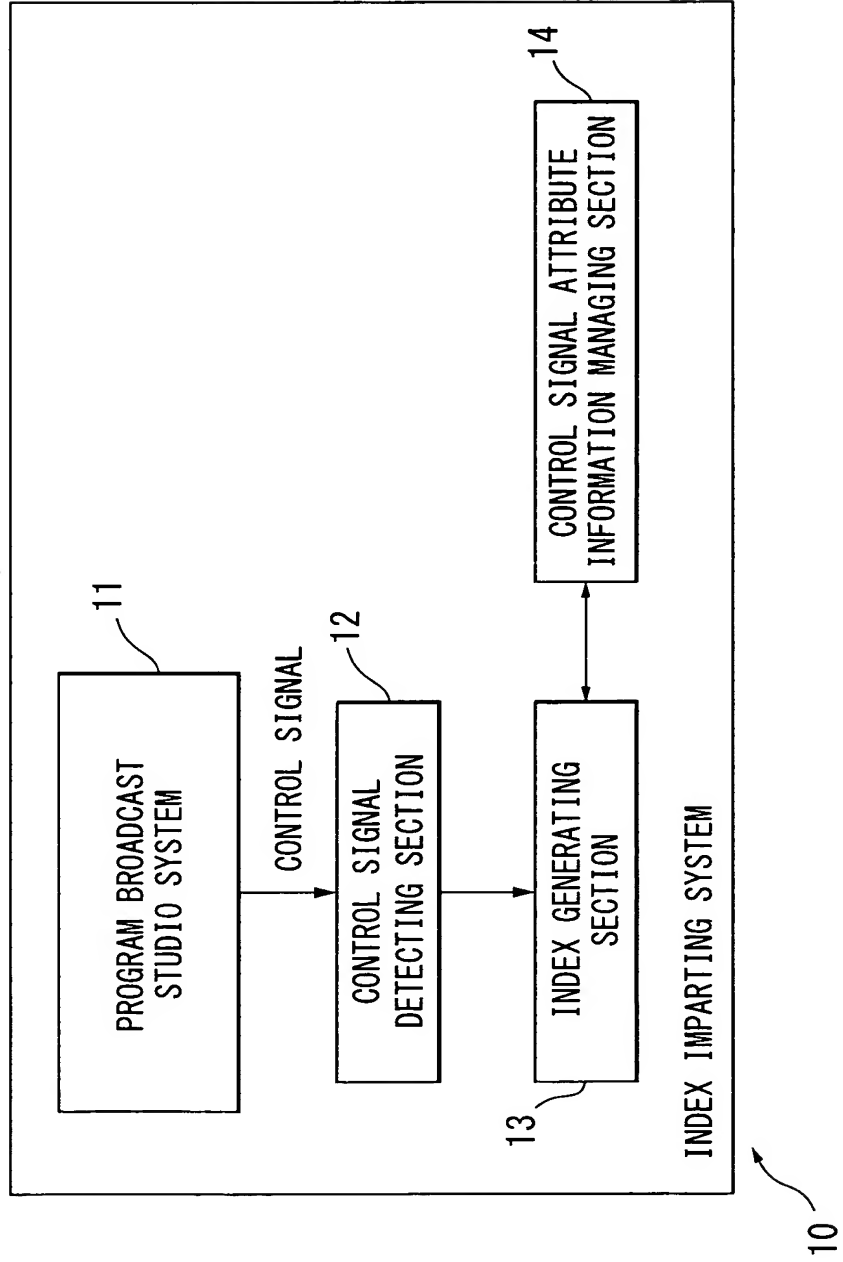


FIG. 2

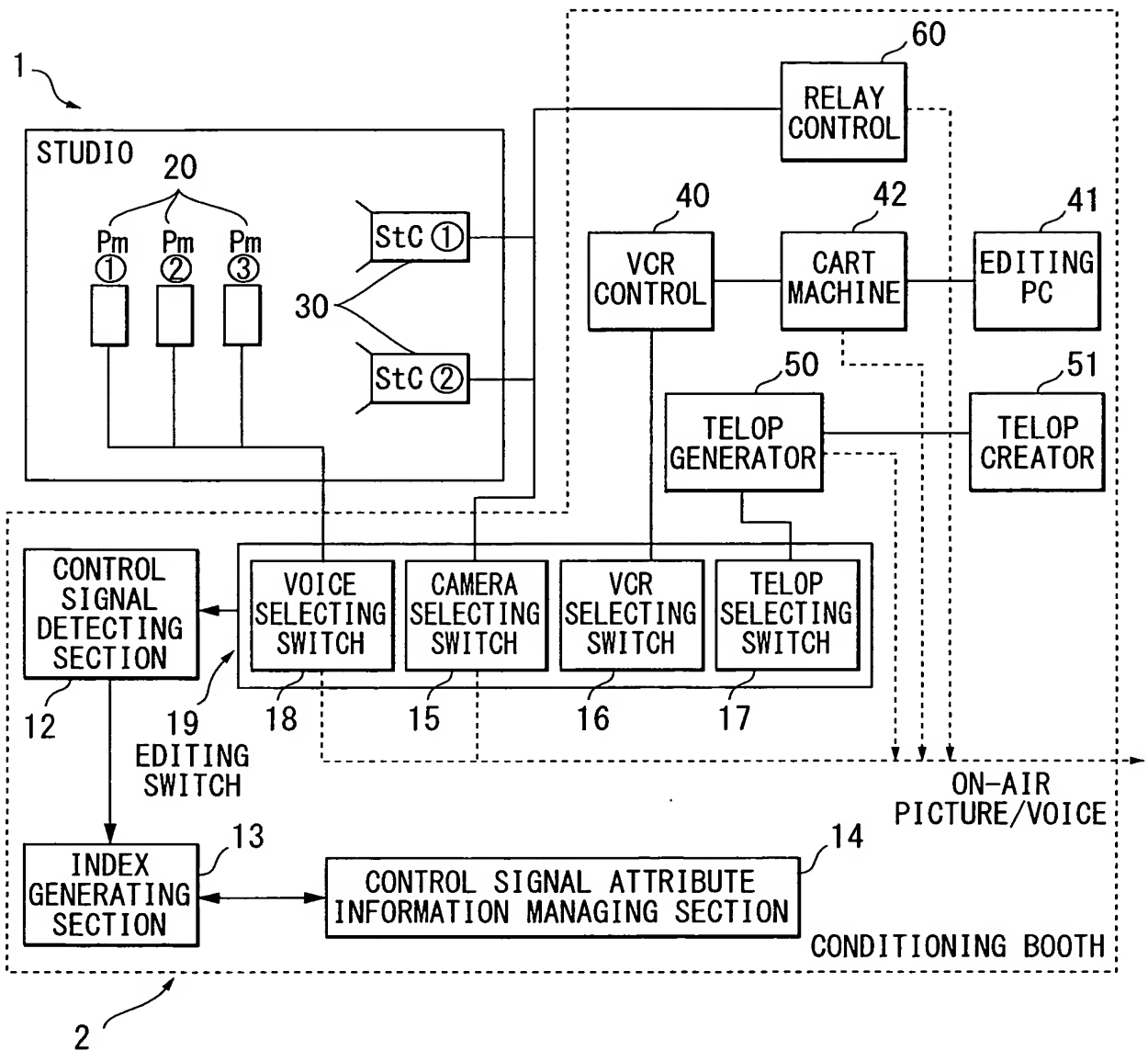


FIG. 3

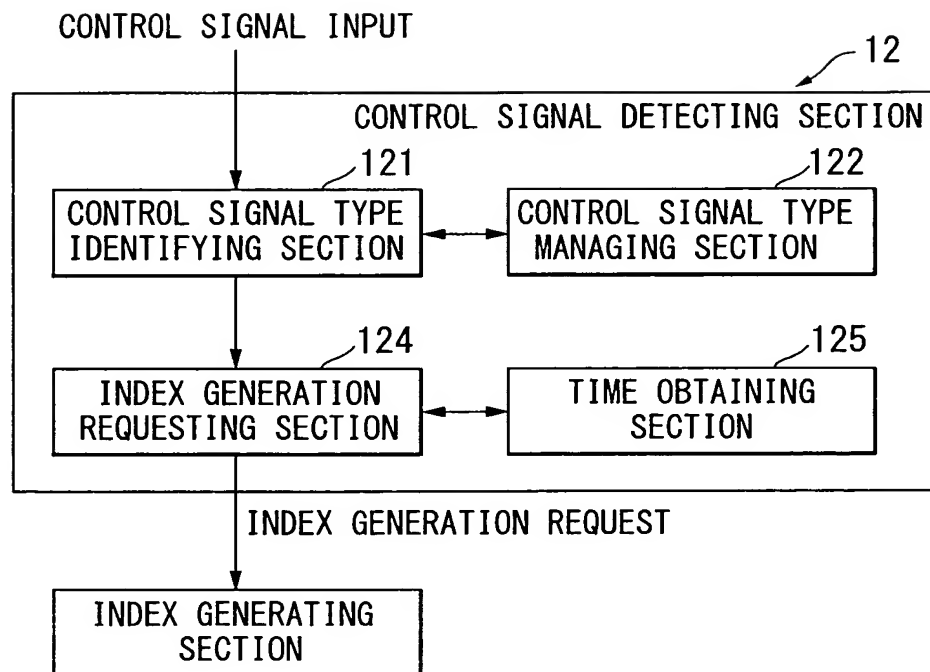


FIG. 4

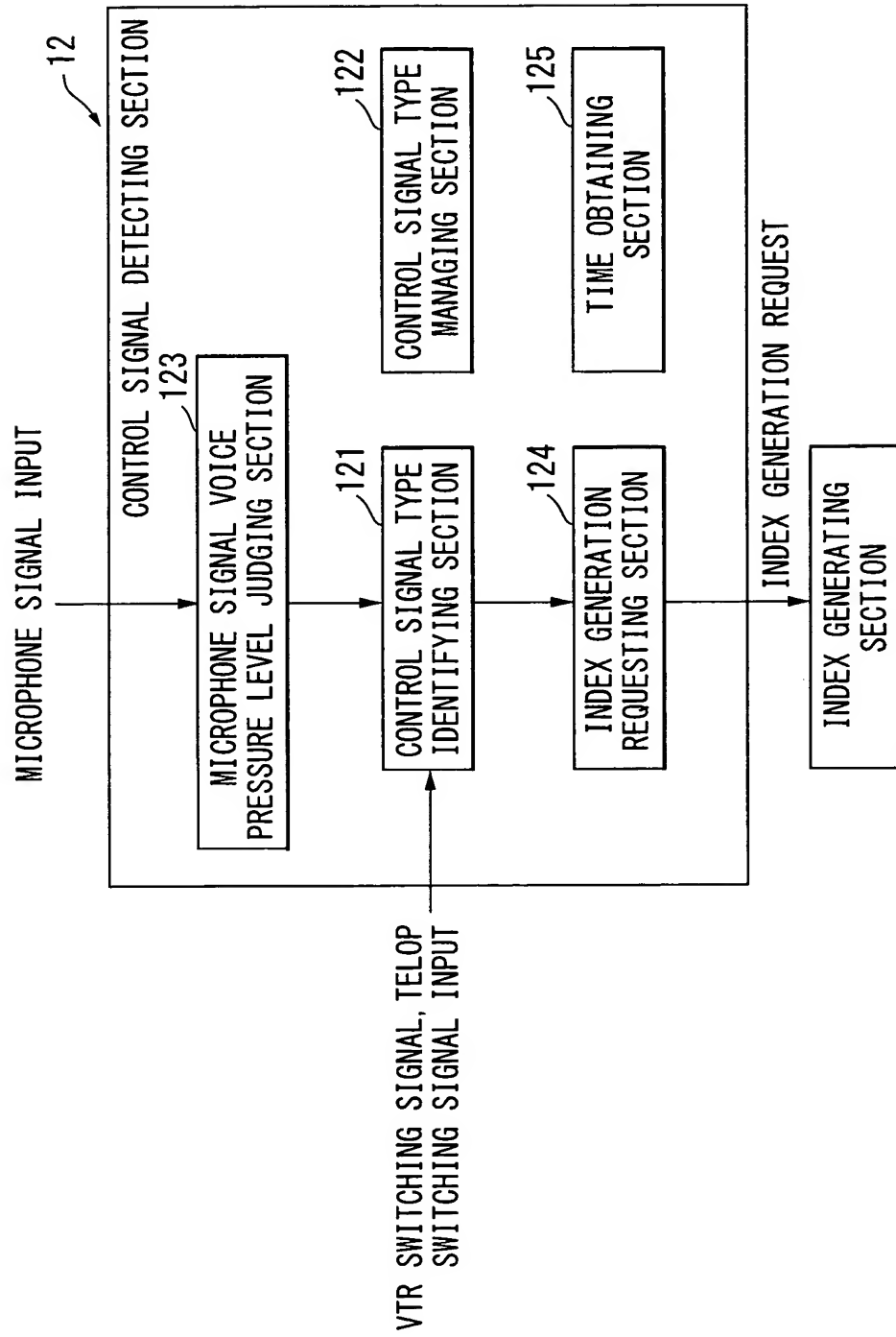


FIG. 5

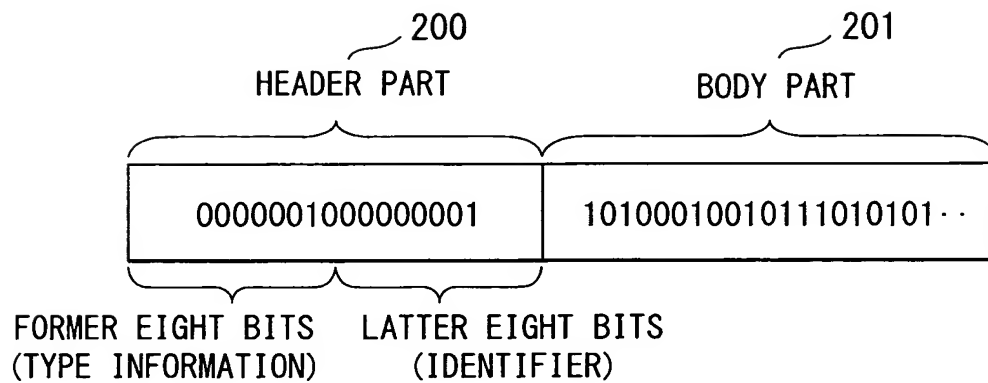


FIG. 6

211 SIGNAL TYPE INFORMATION	212 IDENTIFIER INFORMATION	213 TYPE	210 IDENTIFIER
00000010	00000001	PIN MICROPHONE	PM-1
00000010	00000011	PIN MICROPHONE	PM-2
00000010	00000111	PIN MICROPHONE	PM-3
00000001	00000010	VCR	VCR-1
00000001	00000011	VCR	VCR-2
00000100	00000110	TELOP	TP-1
00000100	00000011	TELOP	TP-2
00001100	00000100	CAMERA	StC-1
00001100	00000001	CAMERA	StC-2
...

FIG. 7

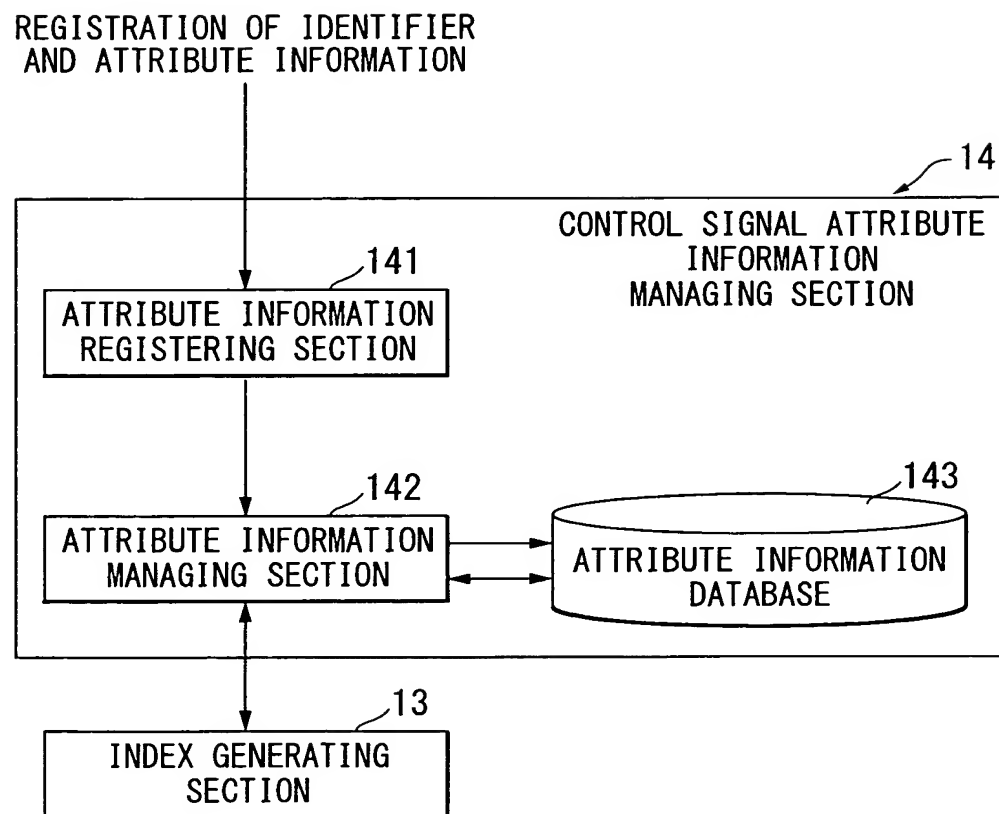


FIG. 8

IDENTIFIER	ATTRIBUTE INFORMATION (PERSONAL NAME)
PM-1	PERFORMER A
PM-2	PERFORMER B
PM-3	PERFORMER C

(DEFAULT)

IDENTIFIER	ATTRIBUTE INFORMATION (PERSONAL NAME)
PM-1	TARO YAMADA
PM-2	JIRO TANAKA
PM-3	HANAKO SUZUKI

(AFTER UPDATE)

FIG. 9

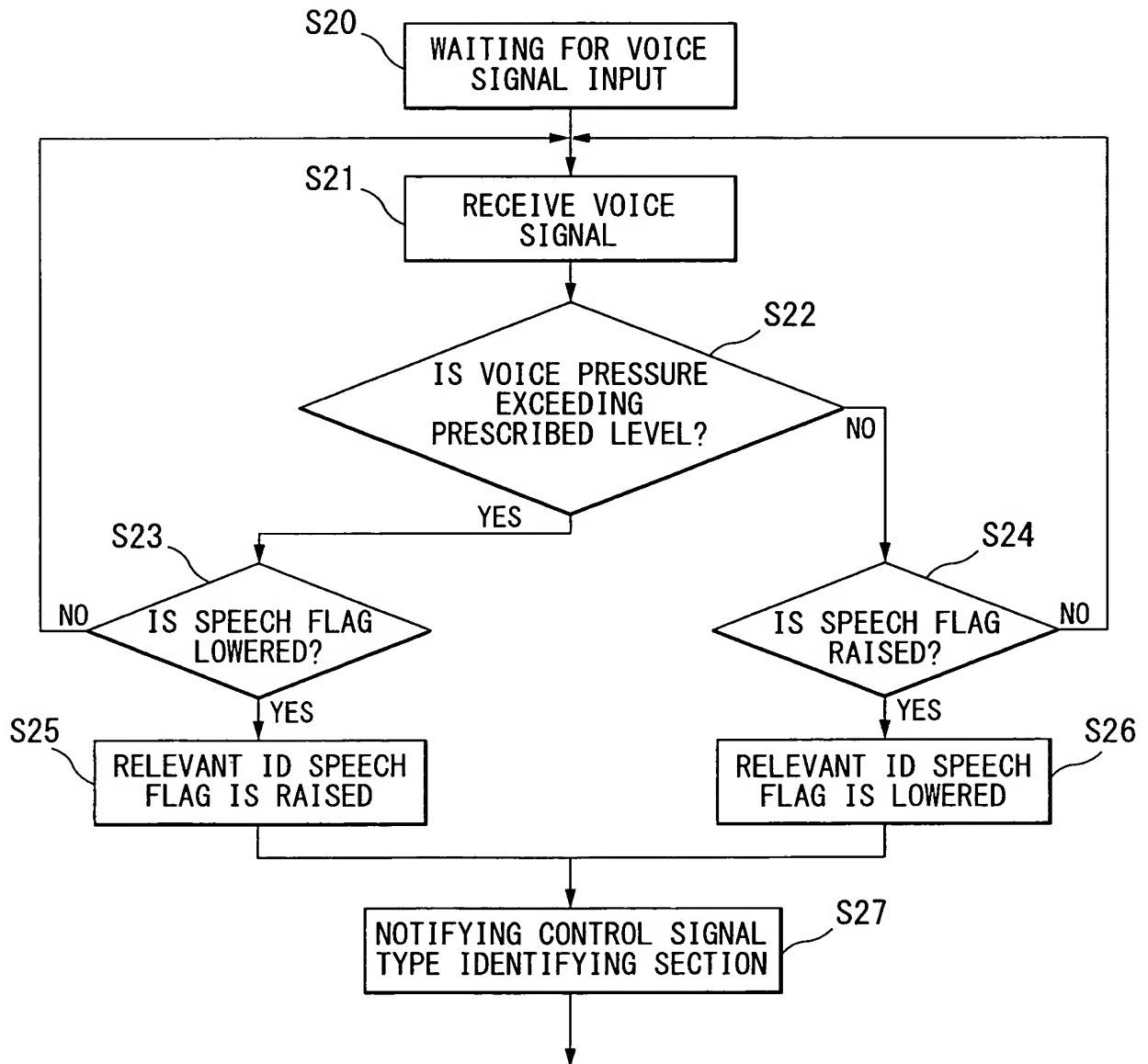


FIG. 10

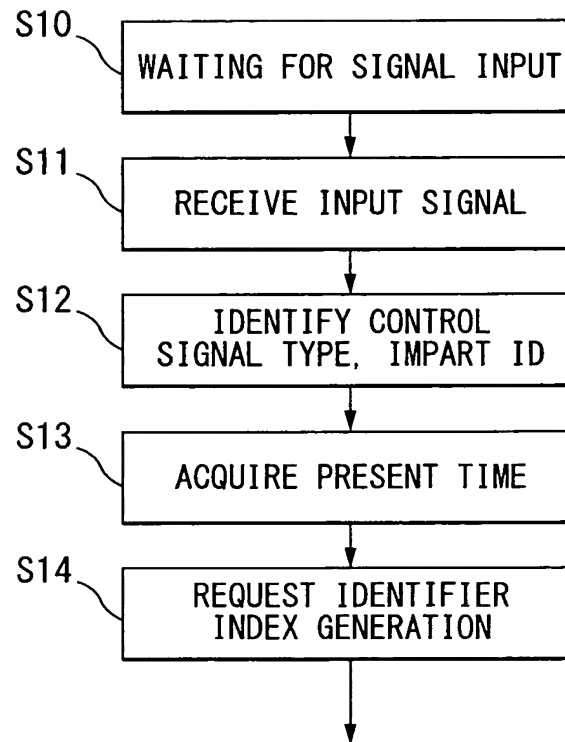


FIG. 11

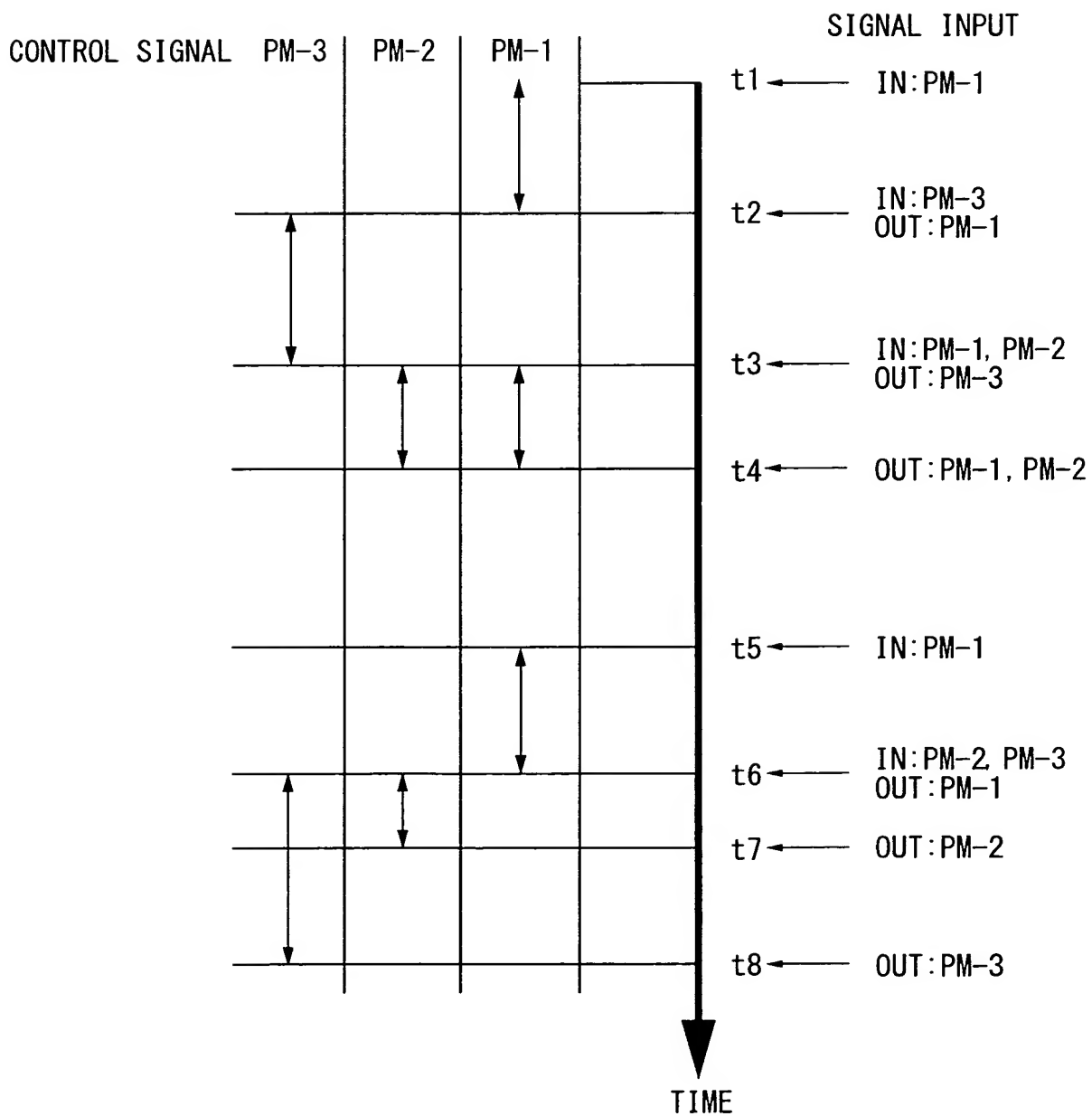


FIG. 12

```
<MICROPHONE SIGNAL>
<MICROPHONE ID=PM-1>
  <NAME>TARO YAMADA</NAME>
  <SPEECH TIME>
    <START TIME> t1</START TIME>
    <FINISH TIME>t2</FINISH TIME>
    <START TIME> t3</START TIME>
    <FINISH TIME>t4</FINISH TIME>
    <START TIME> t5</START TIME>
    <FINISH TIME>t6</FINISH TIME>
  </SPEECH TIME>
</MICROPHONE>
<MICROPHONE ID=PM-2>
  <NAME>JIRO TANAKA</NAME>
  <SPEECH TIME>
    <START TIME> t3</START TIME>
    <FINISH TIME>t4</FINISH TIME>
    <START TIME> t6</START TIME>
    <FINISH TIME>t7</FINISH TIME>
  </SPEECH TIME>
</MICROPHONE>
<MICROPHONE ID=PM-3>
  <NAME>HANAKO SUZUKI</NAME>
  <SPEECH TIME>
    <START TIME> t2</START TIME>
    <FINISH TIME>t3</FINISH TIME>
    <START TIME> t6</START TIME>
    <FINISH TIME>t8</FINISH TIME>
  </SPEECH TIME>
</MICROPHONE>
</MICROPHONE SIGNAL>
```

FIG. 13

IDENTIFIER	ATTRIBUTE INFORMATION (TITLE)	TIME
VCR-1	× × ×	0:00:00
VCR-1	× × ×	0:00:00
VCR-1	× × ×	0:00:00

(DEFAULT)

IDENTIFIER	ATTRIBUTE INFORMATION (TITLE)	TIME
VCR-1	BURNED BODY CASE FOLLOW-UP STORY	0:08:12
VCR-1	NAGATA-CHO ON THE EVE OF DISMISSAL	0:05:30
VCR-1	SPORTS FEATURE PICTURE	0:00:10

(AFTER UPDATE)

FIG. 14

```
<PICTURE SWITCHING>
  <VCR ID=VCR-1>
    <TITLE> BURNED BODY CASE FOLLOW-UP STORY </TITLE>
    <TIME>
      <START TIME>t1</START TIME>
      <TERM>00:08:12</TERM>
    </TIME>
  </VCR>
  <VCR ID=VCR-2>
    <TITLE> NAGATA-CHO ON THE EVE OF DISMISSAL </TITLE>
    <TIME>
      <START TIME>t2</START TIME>
      <TERM>00:05:30</TERM>
    </TIME>
  </VCR>
  <VCR ID=VCR-3>
    <TITLE> SPORTS FEATURE PICTURE </TITLE>
    <TIME>
      <START TIME>t3</START TIME>
      <TERM>00:00:10</TERM>
    </TIME>
  </VCR>
</PICTURE SWITCHING>
```

FIG. 15

IDENTIFIER	ATTRIBUTE INFORMATION (PERSONAL NAME)	TYPE
TP-1	× × ×	△ △ △
TP-2	× × ×	△ △ △
TP-3	× × ×	△ △ △
TP-4	× × ×	△ △ △

(DEFAULT)

IDENTIFIER	ATTRIBUTE INFORMATION (PERSONAL NAME)	TYPE
TP-1	TARO YAMADA	PERSONAL NAME
TP-2	JIRO TANAKA	PERSONAL NAME
TP-3	BURNED BODY CASE FOLLOW-UP STORY	TOPIC NAME
TP-4	NAGATA-CHO ON THE EVE OF DISMISSAL	TOPIC NAME

(AFTER UPDATE)

FIG. 16

```
<TELOP SWITCHING>
  <TELOP ID=TP-1>
    <CHARACTER STRING>TARO YAMADA</CHARACTER STRING>
    <TYPE>PERSONAL NAME</TYPE>
    <TIME>
      <START TIME>t1</START TIME>
    </TIME>
  </TELOP>
  <TELOP ID=TP-2>
    <CHARACTER STRING>JIRO TANAKA</CHARACTER STRING>
    <TYPE>PERSONAL NAME</TYPE>
    <TIME>
      <START TIME>t2</START TIME>
    </TIME>
  </TELOP>
  <TELOP ID=TP-3>
    <CHARACTER STRING>BURNED BODY CASE FOLLOW-UP
                        STORY</CHARACTER STRING>
    <TIME>
      <START TIME>t3</START TIME>
    </TIME>
    <TYPE>TOPIC NAME</TYPE>
  </TELOP>
  <TELOP ID=TP-4>
    <CHARACTER STRING>NAGATA-CHO ON THE EVE
                        OFDISMISSAL</CHARACTER STRING>
    <TIME>
      <START TIME>t4</START TIME>
    </TIME>
    <TYPE>TOPIC NAME</TYPE>
  </TELOP>
</TELOP SWITCHING>
```

FIG. 17

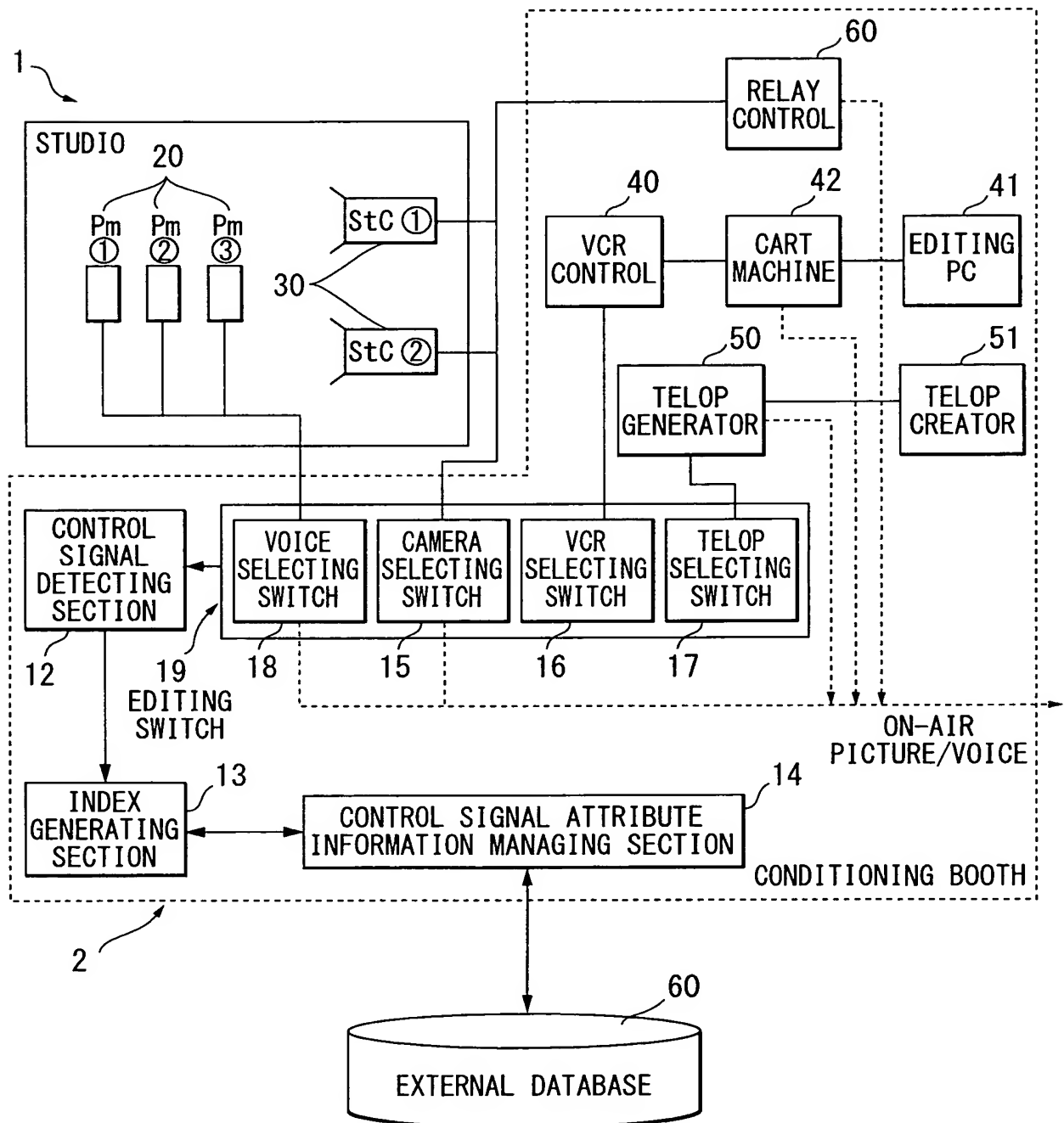


FIG. 18

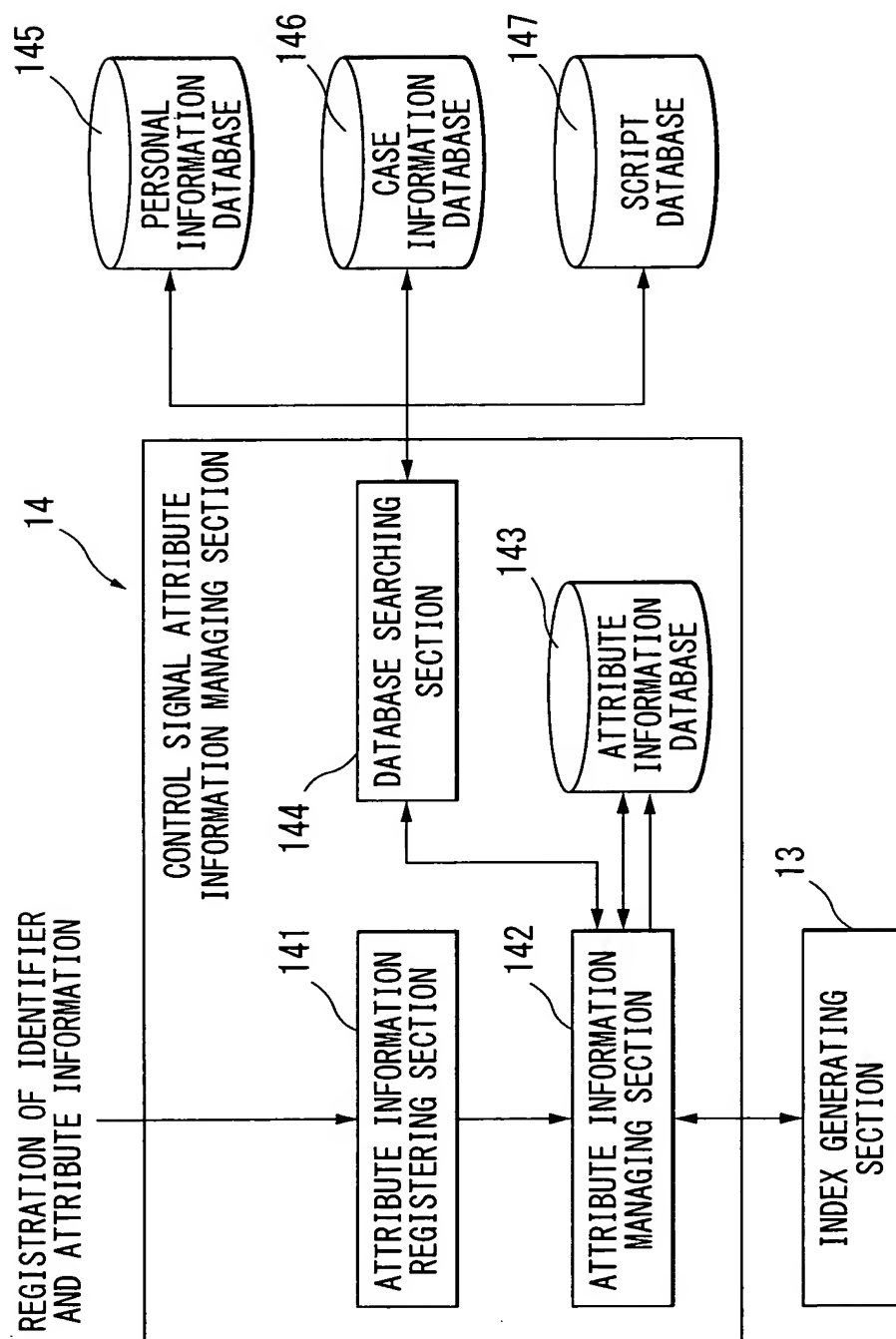


FIG. 19

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PERSONAL NAME	GENDER	DATE OF BIRTH	HOMETOWN	OTHERS
TARO YAMADA	MALE	1960/01/01	TOKYO	...
HANAKO SUZUKI	FEMALE	1965/02/03	OSAKA PREFECTURE	...
JIRO TANAKA	MALE	1968/03/03	KANAGAWA PREFECTURE	...
...	

EXAMPLE OF PERSONAL DATABASE CONFIGURATION

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PICTURE INFORMATION	CONTENT	SHOOTING PLACE
BURNED BODY CASE FOLLOW-UP STORY	TESTIMONY ON BURNED BODY CASE OCCURRED EARLY ON OCTOBER 10TH	CHIBA CITY
NAGATA-CHO ON THE EVE OF DISMISSAL	ATMOSPHERE OF NAGATA-CHO ONE DAY BEFORE THE DISMISSAL OF THE LOWER HOUSE	NAGATA-CHO, CHIYODA-KU
SPORTS	TITLE	...
...		...

EXAMPLE OF NEWS DATABASE CONFIGURATION

73

CHARACTER STRING INFORMATION	PICTURE INFORMATION	PERFORMER	OTHERS
BURNED BODY CASE FOLLOW-UP STORY	BURNED BODY CASE FOLLOW-UP STORY	TARO YAMADA	
NAGATA-CHO ON THE EVE OF DISMISSAL	NAGATA-CHO ON THE EVE OF DISMISSAL	HANAKO SUZUKI	
SPORTS		TARO YAMADA JIRO TANAKA	

EXAMPLE OF SCRIPT DATABASE CONFIGURATION

FIG. 20

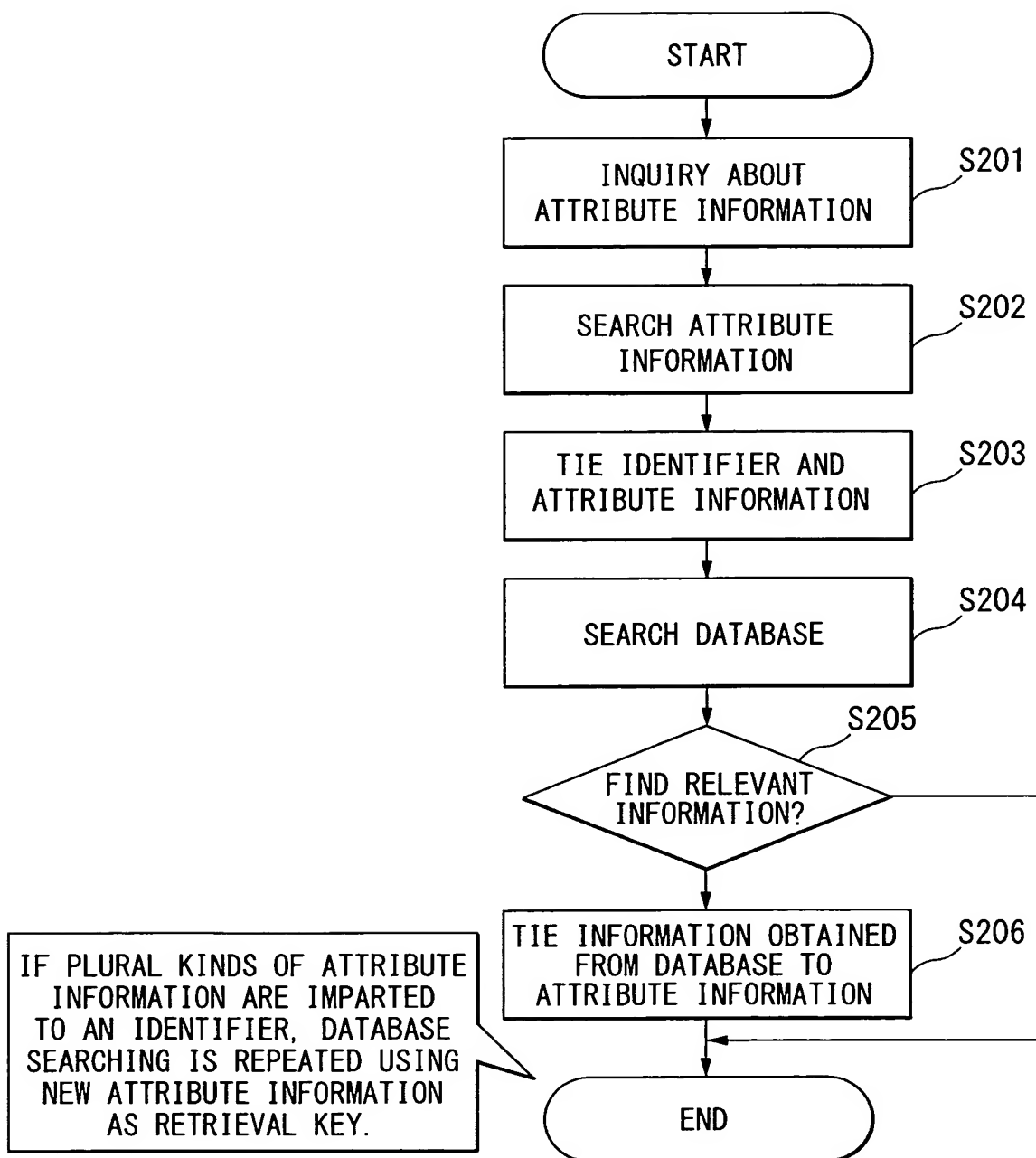


FIG. 21

```
<MICROPHONE SIGNAL>
<MICROPHONE ID=PM-1>
  <NAME>TARO YAMADA</NAME>
  <SPEECH TIME>
    <START TIME> t1</START TIME>
    <FINISH TIME>t2</FINISH TIME>
    <START TIME> t3</START TIME>
    <FINISH TIME>t4</FINISH TIME>
    <START TIME> t5</START TIME>
    <FINISH TIME>t6</FINISH TIME>
  </SPEECH TIME>
  <PERSONAL INFORMATION>
    <GENDER>MALE</GENDER>
    <DATE OF BIRTH>1960/01/01</DATE OF BIRTH>
    <HOMETOWN>TOKYO PREFECTURE</HOMETOWN>
  </PERSONAL INFORMATION>
  </MICROPHONE>
  <MICROPHONE ID=PM-2>
    <NAME>JIRO TANAKA</NAME>
    <SPEECH TIME>
      <START TIME> t3</START TIME>
      <FINISH TIME>t4</FINISH TIME>
      <START TIME> t6</START TIME>
      <FINISH TIME>t7</FINISH TIME>
    </SPEECH TIME>
  </MICROPHONE>
```

GENERATE METADATA FROM PERSONAL INFORMATION
RETRIEVED USING ATTRIBUTE
INFORMATION (TARO YAMADA IN THIS CASE)
AS RETRIEVAL KEY, TOGETHER WITH SPEECH INFORMATION.

WHEN NOTHING HITS IN SEARCH USING ATTRIBUTE
INFORMATION (JIRO TANAKA IN THIS CASE) AS
RETRIEVAL KEY, PERSONAL
INFORMATION IS NOT IMPARTED.

FIG. 22

```
<PICTURE SWITCHING>
<VCR ID=VCR-1>
  <TITLE> BURNED BODY CASE FOLLOW-UP STORY </TITLE>
  <CONTENT> TESTIMONY ON BURNED BODY CASE OCCURRED EARLY
    ON OCTOBER 10TH. </CONTENT>
  <TIME>
    <START TIME>t1</START TIME>
    <TERM>00:08:12</TERM>
  </TIME>
  <SHOOTING PLACE> CHIBA CITY </SHOOTING PLACE>
</VCR>
<VCR ID=VCR-2>
  <TITLE> NAGATA-CHO ON THE EVE OF DISMISSAL </TITLE>
  <CONTENT> ATMOSPHERE OF NAGATA-CHO ONE DAY BEFORE THE
    DISMISSAL OF THE LOWER HOUSE</CONTENT>
  <TIME>
    <START TIME>t2</START TIME>
    <TERM>00:05:30</TERM>
  </TIME>
  <SHOOTING PLACE> NAGATA-CHO </SHOOTING PLACE>
</VCR>
<VCR ID=VCR-3>
  <TITLE> SPORTS FEATURE PICTURE </TITLE>
  <CONTENT> TITLE </CONTENT>
  <TIME>
    <START TIME>t3</START TIME>
    <TERM>00:00:10</TERM>
  </TIME>
  <TYPE> TITLE PICTURE </TYPE>
</VCR>
</PICTURE SWITCHING>
```

FIG. 23

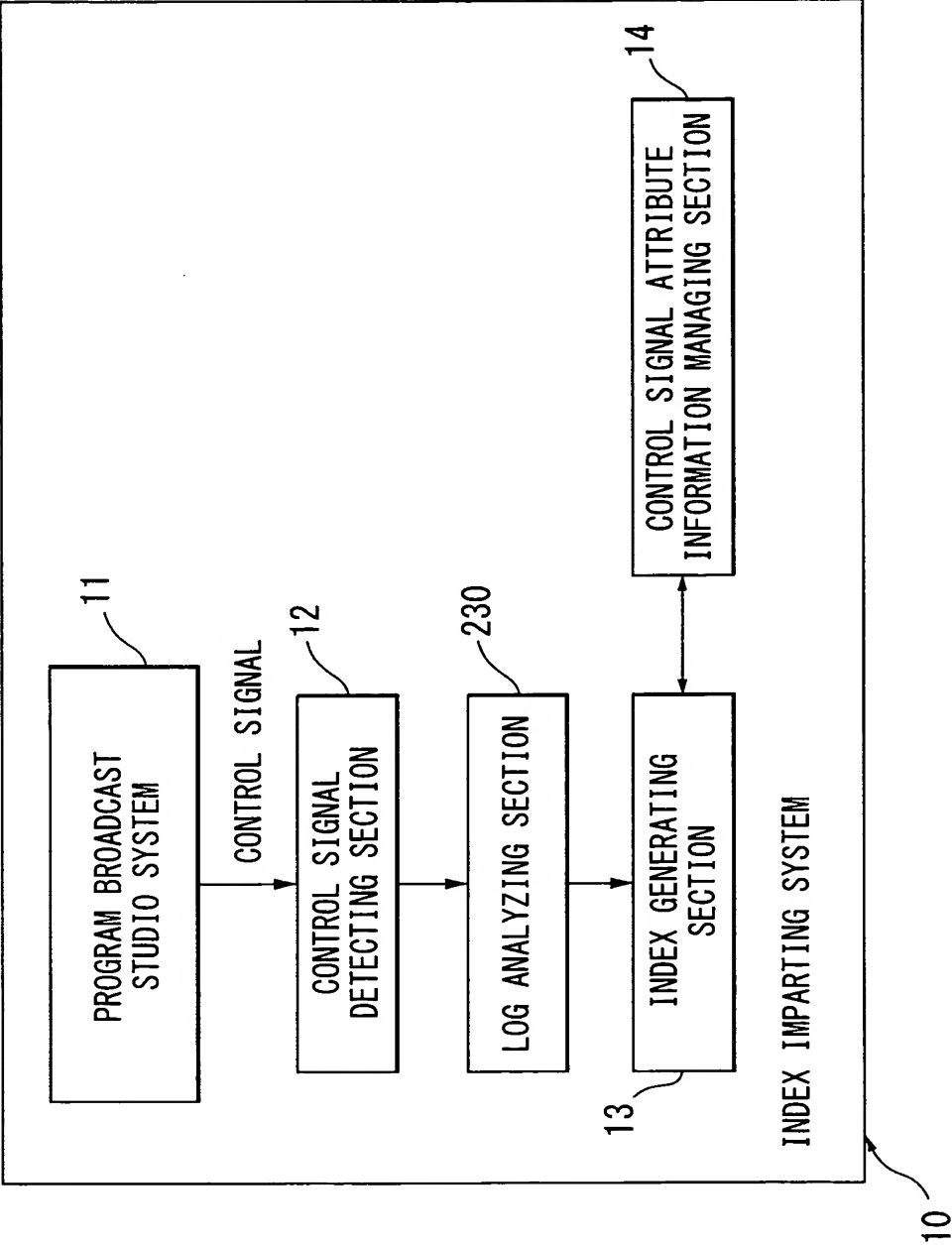


FIG. 24

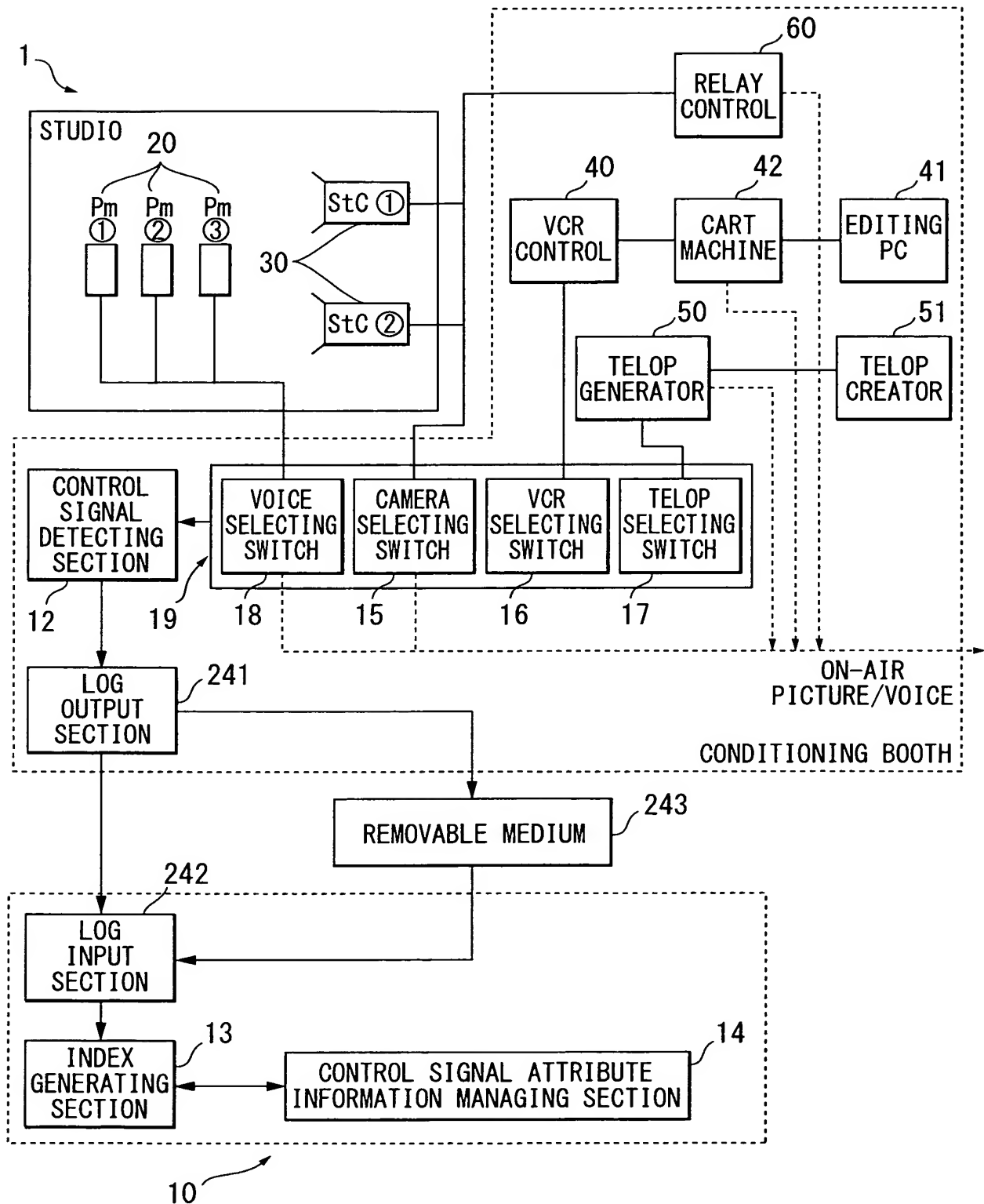


FIG. 25

